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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/596,370	03/22/2007	Philippe Renaud	SC12993ET	5747
34814	7590	04/13/2010	EXAMINER	
LARSON NEWMAN & ABEL, LLP			GOODWIN, DAVID J	
5914 WEST COURTYARD DRIVE			ART UNIT	PAPER NUMBER
SUITE 200			2818	
AUSTIN, TX 78730				

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 3/1/2010 have been fully considered but they are not persuasive.
2. The applicant argues that claim 12 having a magnetic material encircling the conductor has collectively an easy axis of magnetization implies that one and only one axis of magnetization exists and said axis is aligned along the conductor.
3. However, the applicant will note that regarding transitional phrases, comprising is not exclusive of other properties. Therefore as long as the magnetic material possesses at least one easy axis of magnetization, inherently possessed by each individual iron nanoparticle, extending along the electrical conductor than the magnetic material comprises an easy axis of magnetization extending along the conductor. No limitation or implication is made as to the state of other easy axis of magnetization possessed of other iron nanoparticles.
4. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., consists) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).
5. The applicant argues that the prior art does not teach applying a magnetic field while fluid is removed.

6. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID GOODWIN whose telephone number is (571)272-8451. The examiner can normally be reached on Monday through Friday, 9:00am through 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Loke can be reached on (571)272-1657. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

djg

/STEVEN LOKE/

Supervisory Patent Examiner, Art Unit 2818